



**SOHIO PETROLEUM COMPANY**  
Division of Sohio Natural Resources Company

SOHIO-BP ALASKA PRODUCTION DIVISION

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August 2, 1978

PUO 16.000

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AIR COMPLIANCE  
BRANCH

Regional Administrator, Region X  
U.S. Environmental Protection Agency  
1200 Sixth Avenue  
Seattle, WA 98101

Re: PSD Permit Application, Additional Production  
Equipment, Prudhoe Bay Oil Field

Dear Sir:

We hereby submit a Prevention of Significant Deterioration (PSD) Permit Application for new facilities in the Prudhoe Bay Oil Field. These new facilities include 400,000 horsepower of process equipment in the form of natural gas driven turbines and various support equipment. These facilities are necessary to prevent waste of natural resources and to prolong production from the oil field.

The proposed new facilities will be owned by the Working Interest Owners of the Prudhoe Bay Unit and operated by Atlantic Richfield Company (East Side) and Sohio Petroleum Company (West Side). The PSD study covers facilities for both Operators involved.

We are ready to assist you in evaluating this application. Our environmental contact for this project is Mr. R. V. Shafer of Sohio Petroleum Company, (907) 265-0174. Please feel free to call him if you have any questions.

Very truly yours,

G. N. Nelson  
Assistant General Manager,  
Operations

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